

# Mohid Qureshi

Toronto, Ontario, Canada

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## Education

### Carleton University

Bachelor of Computer Science Co-op

- Fifth Year Undergraduate, **CGPA 11.1/12 (A)**
- 2018, 2019, 2020, 2021 **Dean's Honor List**

Ottawa, Ontario

Sep. 2017 - PRESENT

## Skills

**Languages** JavaScript, Python, Java, SQL, MongoDB, C#, HTML/CSS

**Technologies** NodeJS, ExpressJS, ReactJS, React Native, Firebase, Android Development, AWS, EC2, Docker, Git, Jenkins

## Experience

### RBC | Automation Analyst Developer Co-op

Python, Java, YAML, Elasticsearch, Ansible, Openshift

- Developing highly scalable automation solutions on Core Banking systems to eliminate repetitive tasks
- Train, tune, deploy, & monitor **machine learning models**

Toronto, Ontario

Jan. 2022 - Present

### Ericsson | Software Developer Co-op

Python, NodeJS, ExpressJS, ReactJS, Elasticsearch, Jenkins

- Developed Full Stack Code coverage Web Application that is utilized by the **Ericsson Cloud Team**
- **Improved the CI process** through analytical dashboards that tracks Code coverage & git commits for each Jenkins's build
- Developed Full Stack Web Application to showcase equivalences in real time between submodules, git commits & Jenkins builds
- **Reduced** search time by **20%** when matching build tests & thier corresponding commits/submodules during **dev & prod** phases
- **Improved** speed of NodeJS/ExpressJS REST endpoints by **35%** through caching and implementing additional query parameters

Ottawa, Ontario

May. 2021 - Dec. 2021

### Versaterm Inc | Software Developer Co-op

NodeJS, SQL, ReactJS, JavaScript, HTML, Bootstrap

- Developed a Microsoft Word Add-In that **automates** the process of filling out Police forms via the **Word Javascript API**
- Clients **productivity improved by over 40%** when using the Add-In to fill out forms
- Created web application that **integrates MS Teams** presence's & meeting schedules for all Versaterm employees in realtime

Ottawa, Ontario

May. 2020 - Sep. 2020

### Environment Canada | Full Stack Web Developer Co-op

ASP.NET MVC, VueJS, SQL, C#, HTML/CSS

- Worked on a web framework that is **utilized by 50+ Government of Canada Departments** to help aid in making web applications
- Developed **10+ custom UI controls** alongside validation protocols for each UI control
- Worked on the NPRI web query tool by implementing search validation logic when querying pollutant release data

Gatineau, Quebec

May. 2019 - Aug. 2019

### Carleton University | Teaching Assistant

Python, Java, Android Development, Swift, IOS Development

- **Managed** tutorials and office hours where I **mentored** students by providing in depth knowledge on course material
- Worked closely with instructors to **develop tutorial assignments** catered to concepts that the class collectively struggled with

Ottawa, Ontario

Jan. 2019 - Present

## Projects

### Full Stack Search Engine + Web Crawler

NodeJS, ExpressJS, ReactJS, MongoDB, Elasticsearch, AWS EC2, Docker

- Built a **Search Engine** using scraped data from wikipedia and Carleton related websites
- Search algorithm and data indexing built using **Google's Page Rank** algorithm and Elasticsearch
- Hosted on **AWS EC2 instance** where both frontend & backend is built through **Docker Containers**

### Full Stack Youtube-MP3 Converter

NodeJS, ExpressJS, ReactJS, Pusher, Firebase, AWS EC2

- Developed and hosted server that converts Youtube videos to an MP3 format, via REST API on an **AWS EC2 instance**
- Built Frontend using **ReactJS** that utilizes the corresponding REST API to convert & fetch the MP3 files

### Android NBA GameTime Application

Java, SQLite, REST API's

- Published an **NBA scores app** that showcases **live scores** of each game & **implemented** custom notification setting